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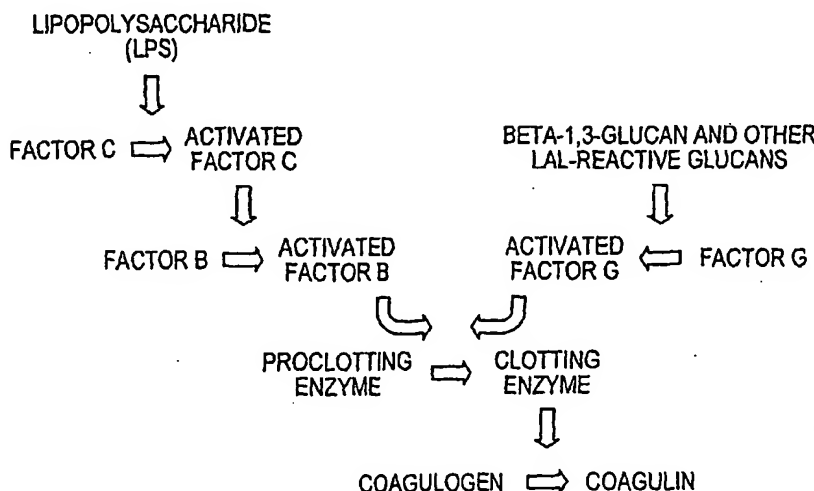
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(54) Title: METHOD FOR CLASSIFYING A MICROORGANISM IN A BIOLOGICAL SAMPLE



(57) Abstract: The invention provides a method using a hemocyte preparation, for example, Limulus amoebocyte lysate, for detecting in a single assay the presence of at least one of a Gram negative bacterium, a Gram positive bacterium, and a fungus in a sample of interest. The method exploits the differential reactivity of Gram negative bacteria, Gram positive bacteria, and fungi with the hemocyte preparation to produce measurable changes in a property, for example, an optical property, of the mixture. Because the Gram negative bacteria, Gram positive bacteria and fungi each produce different changes in a given property, for example, an optical property, it is possible to classify the type of microorganism present in the sample of interest.

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	INADA KATSUYA ET AL: "A silkworm larvae plasma test for detecting peptidoglycan in cerebrospinal fluid is useful for the diagnosis of bacterial meningitis." MICROBIOLOGY AND IMMUNOLOGY, vol. 47, no. 10, 2003, pages 701-707, XP002390899 ISSN: 0385-5600 table 2	1-32
A	US 5 474 984 A (TANAKA ET AL) 12 December 1995 (1995-12-12) columns 23,24	1-32
A	WO 83/02123 A (SOEDERHAELL, KENNETH, TORD) 23 June 1983 (1983-06-23) page 1, line 1 - page 25	1-32
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 010, no. 271 (P-497), 16 September 1986 (1986-09-16) & JP 61 093958 A (DAICEL CHEM IND LTD), 12 May 1986 (1986-05-12) abstract</p> <p>-----</p>	1-32

INTERNATIONAL SEARCH REPORT

Information on patent family members

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